

# HEALTH OCCUPATIONS STANDARDS

**Basic Care**

**Career Exploration**

**First Aid**

**Medication**

**Terminology**



## **Health Occupations**

HO1000      NURSING ASSISTANT TECHNIQUES: INFECTION CONTROL TECHNIQUES. [01/01/93]. Note: This program covers handwashing, using protective gloves, handling linen, using a protective gown, handling infectious waste, and cleaning a blood spill. Run time is 15 minutes.

HO1001      NURSING ASSISTANT TECHNIQUES: MEASURING TEMPERATURE. [01/01/90]. Note: This program shows examples of reading a thermometer, measuring oral, rectal and auxiliary temperature and using an electronic thermometer. Run time is 10 minutes.

HO1002      NURSING ASSISTANT TECHNIQUES: MEASURING PULSE, RESPIRATIONS AND BLOOD PRESSURE. [01/01/90]. Note: This program shows how to measure radial pulse, respirations and blood pressure. Run time is 10 minutes.

HO1003      NURSING ASSISTANT TECHNIQUES: ORAL CARE TECHNIQUES. [01/01/90]. Note: This program covers cleaning dentures, special mouth care, and assisting with oral hygiene. Run time is 13 minutes.

HO1004      NURSING ASSISTANT TECHNIQUES: LIFTING AND MOVING TECHNIQUES. [01/01/90]. Note: This program demonstrates techniques for lifting and moving patients in bed. Run time is 10 minutes.

HO1005      NURSING ASSISTANT TECHNIQUES: MEASURING WEIGHT. [01/01/90]. Note: This video demonstrates the procedures for measuring weight with the use of the standing balance scale, chair scale, wheelchair scale, mechanical lift and bed scale. Run time is 12 minutes.

HO1006      NURSING ASSISTANT TECHNIQUES: TRANSFER TECHNIQUES. [01/01/90]. Note: This video demonstrates transferring patient from bed to wheelchair and back, two and three person lifts and use of the mechanical lift. Run time is 10 minutes.

HO1007      NURSING ASSISTANT TECHNIQUES: EXERCISE TECHNIQUES. [01/01/90]. Note: This video demonstrates assisting with ambulation, assisting a fallen patient, and range of motion exercises. Run time is 16 minutes.

HO1008      NURSING ASSISTANT TECHNIQUES: POSITIONING TECHNIQUES. [01/01/90]. Note: This video shows the basic steps of positioning the patient, the supine, semi-supine, prone and semi-prone positions. Run time is 10 minutes.

HO1009      NURSING ASSISTANT TECHNIQUES: TECHNIQUES IN PERSONAL CARE. [01/01/90]. Note: Topics covered in this video include nail care, shaving the beard, hair and makeup, assisting with eyeglasses and hearing aids, dressing and dressing when an IV catheter is in place. Run time is 22 minutes.

HO1010      NURSING ASSISTANT TECHNIQUES: TECHNIQUES IN BATHING. [01/01/90]. Note: This video demonstrates giving a bed bath, perineal care, vaginal douche, giving a tub bath and assisting with a shower and shampoo. Run time is 36 minutes.

HO1011      NURSING ASSISTANT TECHNIQUES: TECHNIQUES IN BEDMAKING. [01/01/90]. Note: This video demonstrates making the unoccupied and occupied bed. Run time is 15 minutes.

HO1012      NURSING ASSISTANT TECHNIQUES: ELIMINATION, SPECIMEN COLLECTION, AND URINARY CARE. [01/01/90]. Note: This video demonstrates techniques for a rectal suppository, an enema, changing the ostomy bag, collecting a stool specimen and a routine urine specimen, measuring urinary output, emptying the urinary bag, and providing daily catheter care. Run time is 34 minutes.

HO1013      NURSING ASSISTANT TECHNIQUES: TECHNIQUES IN TOILETING AND INCONTINENT CARE.[01/01/90]. Note: This video covers assisting with using the toilet, offering the bed pan or urinal, using the bedside commode, changing briefs and bowel and bladder training. Run time is 11 minutes.

HO1014      NURSING ASSISTANT TECHNIQUES: WARM AND COLD APPLICATIONS. [01/01/90]. Note: This video demonstrates applying the soap and the Aquamatic K-Pad. Run time is 10 minutes.

HO1015      NURSING ASSISTANT TECHNIQUES: FEEDING. [01/01/90]. Note: This video demonstrates serving a meal and dependent feeding. Run time is 9 minutes.

HO1016      NURSING ASSISTANT TECHNIQUES: CARDIOPULMONARY RESUSCITATION. [01/01/90]. Note: This video demonstrates one and two person CPR, rescue breathing, and how to handle a conscious and unconscious choking victim. Run time 10 minutes.

HO1017      NURSING ASSISTANT TECHNIQUES: ABNORMAL SIGNS AND SYMPTOMS. [01/01/90]. Note: This video teaches the importance of observing and reporting the signs and symptoms of common diseases and conditions. Run time is 10 minutes.

HO1018      NURSING ASSISTANT TECHNIQUES: RESIDENT RIGHTS--THE ART OF CARING. [01/01/90]. Note: This video provides dramatic scenes that illustrate the importance of protecting resident rights, including the right to information, self-

determination, association and communication, freedom from abuse, quality care and dignity. Run time is 20 minutes.

HO1019      NURSING ASSISTANT TECHNIQUES: THE CONFUSED RESIDENT--  
STRATEGIES FOR QUALITY CARE. [01/01/90].      Note: Dramatic scenes are used to illustrate the characteristic problems of dementia, including memory loss, catastrophic reaction, communication problems, loss of coordination, depression, and interventions. Run time is 30 minutes.

HO1020      NURSING ASSISTING: DEATH AND DYING. Delmar.  
Note: This video teaches the students how to work with the patient in regard to death and dying. Care of the terminally ill and postmortem care are also discussed. Run time is 21 minutes.

HO1021      OSTOMY CARE. [01/01/93].  
Note: This program gives attention to answering patient's concerns, illustrates the relevant human anatomy and shows scenes of astomy patients to stress important points and demonstrate procedures. Run time is 24 minutes.

HO1022      PREPARING THE OSTOMY PATIENT FOR DISCHARGE. [01/01/93].  
Note: This video focuses on assisting the patient to adjust physiologically and psychologically to fears and self-doubts after hospitalization. The program describes emotional reactions that a patient may experience, rehabilitation, diet, pregnancy, resuming normal activities, medication use, self-care skills, sexual functioning, and other information on patient needs in order to make a safer and easier transition home. Run time is 18 minutes.

HO1023      NOT ALONE IN THE WORLD: CARING FOR SOMEONE WITH ALZHEIMERS DISEASE.      Note: This video presents the progression of Alzheimers and its effect on the patient and caregiver. Run time is 22 minutes.

HO1024      COMMUNICATING WITH THE HEARING IMPAIRED PATIENT: SIGNING FOR HEALTH CARE PROFESSIONALS. [01/01/90].  
Note: This four part program provides the viewer with a basic health care vocabulary to improve communication with hearing-impaired patients. Run time is 90 minutes.

HO1026      THE NATURAL PROCESS OF AGING. [01/01/93].  
Note: This program explains how the aging process affects major body systems and function including the integumentary system, musculoskeletal system, respiratory system, gastrointestinal system, genitourinary system, central nervous system, cardiovascular system, vision, hearing, and touch. Run time is 30 minutes.

HO1027      TRANSCULTURAL PERSPECTIVES IN NURSING: IMPROVING NURSE-CLIENT EFFECTIVENESS. [01/01/93].      Note: This video discusses specific guidelines for working with clients whose medical beliefs, practices, and attitudes toward health care differ significantly from those of the caregiver, emphasizing how to deliver optimum health care to such clients. Run time is 28 minutes.

HO1028      TRANSCULTURAL PERSPECTIVES IN NURSING: COMMUNICATION, PART 1.

Note: This program discusses verbal communication with clients. It includes guidelines for working with an interpreter and common errors which occur in this situation. Communicating with clients who speak English as a second language and techniques which increase the exchange of information are also covered.

HO1029      TRANSCULTURAL PERSPECTIVES IN NURSING: COMMUNICATION, PART 2. [01/01/93]. Note: This video presents aspects of verbal and nonverbal communication such as eye contact, gestures, expressions and communication styles that go beyond vocabulary, grammar and verbal facility. It discusses communications with American Indian, Asian-American, Latino and African-American clients. Run time is 19 minutes.

HO1030      TRANSCULTURAL PERSPECTIVES IN NURSING: ASSESSMENT AND NURSING CARE. [01/01/93]. Note: This video begins by discussing factors in assessment that may be influenced by a patient's ethnicity, including susceptibility to disease, normal biological variations, evaluating changes in patients with highly-pigmented skin, and variations in drug actions and responses. It discusses areas in health care in which clients may experience difficulties, including expression of pain, modesty, visiting rules, and diet. Runs 26 minutes.

HO1031      ISOLATION PROCEDURES. [01/01/91]. Note: This video demonstrates and explains the purpose and procedure for wound and skin, enteric, respiratory, blood, excretion, secretion and protective isolation procedures. It includes the proper procedure for putting on and removing protective apparel and double bagging waste material. Run time is 27 minutes.

HO1032      APPLIED VOCATIONAL MATH IN HEALTH OCCUPATIONS. [01/01/91]. Note: This video highlights the different units of measurement including metric and standard, scale reading, and customary unit conversion skills needed for use in the health care environment. A staff nurse demonstrates the importance of math through reading and analyzing graphs and charts for blood pressure and temperature, using a thermometer, and using ratios and proportions in determining correct dosage. Run time is 25 minutes.

HO1037      HAZARD COMMUNICATION IN THE HEALTH CARE SETTING: YOUR RIGHT TO KNOW. [01/01/94]. Note: This program stresses the importance of health care employees knowing about the hazards of the chemicals they work with and using them safely. Run time is 15 minutes.

HO1038      PEDIATRIC ASSESSMENT: ASSESSMENT SKILLS AND PREPARATION. [01/01/94]. Note: This video discusses specific factors which will aid in establishing a non-threatening atmosphere for parent and child during the initial head-to-toe assessment. The program demonstrates the systematic approach utilized when examining children. Growth and physiologic measurements are also discussed. Run time is 42 minutes.

HO1039      COMMUNICATION SKILLS. Note: This video demonstrates employee-employee and patient-employee communication skills through role-playing/scenarios. The importance of listening is stressed. Nonverbal

communication, body language, and speech inflection are also covered. Run time is 30 minutes.

HO1040      CANCER DISCLOSURE: COMMUNICATING THE DIAGNOSIS TO PATIENTS.  
Note: This program teaches communication skills developed for the disclosure of a serious diagnosis. Run time is 40 minutes.

HO1041      THE NURSE'S GUIDE TO ENTERAL FEEDING TUBES. [01/01/93].  
Note: This program identifies and describes the usage and care of the feeding tubes found in the major enteral feeding tube groups. Proper formula and medication administration techniques are demonstrated with an emphasis on preventing clogged tubes. Run time is 32 minutes.

HO1042      HANDWASHING, STERILE TECHNIQUES, AND CHANGING A DRESSING ON AN INFECTED INCISION. [01/01/91].      Note: This video demonstrates changing a dressing, handwashing, and sterile techniques for special procedures. Run time is 27 minutes.

HO1045      NURSING CARE OF PATIENTS WITH CASTS: PURPOSE, TYPES, APPLICATION AND REMOVAL.      Note: This video details nursing care from the time a cast is applied to its removal. Run time is 28 minutes.

HO1046      NURSING MANAGEMENT OF PATIENTS WITH DIABETES.  
Note: This program reviews the triad of modern diabetes treatment - diet, exercise and medications. It discusses type I and type II diabetes, related genetic and physiological factors, and blood glucose monitoring and offers guidelines for the management of hospitalized diabetics who are experiencing acute complications or chronic complications. Run time is 28 minutes.

HO1047      PRESSURE ULCERS IN ADULTS: PREDICTION AND PREVENTION. [01/01/94].  
Note: This program defines the four stages of pressure ulcer development, explains using assessment tools to identify individuals at risk, and illustrates prevention methods. Run time is 21 minutes.

HO1048      DEPRESSION AND THE ELDERLY.  
Note: The prevalence of depression in the elderly is discussed and primary symptoms are described in this program. Common causes and examples of patient focused objectives are cited. Interventions with the depressed elderly client are demonstrated. Run time is 28 minutes.

HO1049      CONTROLLING VIOLENCE IN HEALTH CARE. [01/01/93].  
Note: This program presents dramatizations of violent situations which illustrate the problem of violence in healthcare and demonstrate techniques for preventing and containing violence. Run time is 33 minutes.

HO1050      BASIC PATIENT CARE: DEVELOPING A HELPING RELATIONSHIP. [01/01/94].  
Note: This video discusses the four-phase relationship process and factors that affect the relationship. It explains factors in patients, such as emotions, age, cultural background and

past experiences with illness that may influence their emotional response. Run time is 25 minutes.

HO1051 PROMOTING BOWEL ELIMINATION. [01/01/93].

Note: Information covered in this program includes rectal suppositories, cleansing enema, occult blood in the stool and ostomy bag. Run time is 16 minutes.

HO1052 WOUND CARE AND APPLYING DRESSINGS. [01/01/93].

Note: This program covers dry and wet-to-dry dressings, cleansing skin sites, applying bandages, use of heat and cold therapy and using moist compresses. Run time is 25 minutes.

HO1053 SPECIMEN COLLECTION. [01/01/93].

Note: Topics covered in this program include procedures for urine, sputum, blood glucose, wound and stool collection. Run time is 17 minutes.

HO1054 OROPHARYNGEAL, NASOPHARYNGEAL AND NASOTRACHEAL SUCTIONING.

[01/01/94]. Note: This program covers indications for each type of suctioning, as well as techniques and equipment. Run time is 20 minutes.

HO1055 CARE OF CHEST TUBES. [01/01/94].

Note: This video covers indications for use of test tubes, drainage systems, care and maintenance and patient preparation. Run time is 20 minutes.

HO1056 PROMOTING ADEQUATE OXYGENATION. [01/01/94].

Note: This program discusses lung expansion and mobilizing secretions. Runs 20 minutes.

HO1058 ANY QUESTIONS? UNIVERSAL PRECAUTIONS EXPLAINED. [01/01/93].

Note: Taking viewers into several hospital departments that interface with HIV-infected individuals, this video candidly answers questions about AIDS. It explains when gloves, gowns, and goggles should be worn, as well as when they are not necessary, discusses precautions to take when working with needles, and shows what safety equipment is needed for performing mouth-to-mouth resuscitation. Run time is 15 minutes.

HO1059 MEDICAL ASEPSIS AND INFECTION CONTROL. [01/01/93].

Note: Detailing types of infectious agents, this program explains how infection can be transmitted through various portals of entry. It illustrates a systematic method of handwashing and shows how to put on and remove gloves, masks, and gowns. It also discusses four categories of isolation precautions - body substance isolation, universal precautions, disease-specific measures, and category-specific measures. An instructor's resource booklet is included. Run time is 15 minutes.

HO1060 VITAL SIGNS: ASSESSING A PULSE.

Note: This video shows the viewer how to take a patient's vital signs as well as how to take a patient's pulse. Run time is 15 minutes.

HO1061 VITAL SIGNS: BLOOD PRESSURE. [01/01/96].

Note: Learning to determine blood pressure is perhaps the most complex vital sign technique to master. Students are shown the appropriate methods for taking a patient's blood pressure. The five important times when a patient's blood pressure should not be obtained from a limb are itemized. Cautionary notes and situations to analyze during the procedure are covered in detail. Systolic and diastolic reading procedures are also clearly defined. Run time is 10 minutes.

HO1062 INFECTION CONTROL: HANDS. [01/01/96].

Note: Thorough handwashing is essential in order to help control the spread of infection. In this interactive presentation, opportunities to pause the videotape and engage in classroom discussions are provided. This concise, but complete videotape outlines in specific detail the nine steps that a nurse should follow in order to be certain that his/her hands are clean. Run time is 8 minutes.

HO1063 HOT AND COLD APPLICATIONS. [01/01/96].

Note: Students are presented with valuable information concerning both hot and cold applications in this live-action videotape. Because warm, wet compresses must be sterile if there is break in the skin, nurses must follow a series of steps in order to perform the procedure properly. Also demonstrated is the step-by-step cold application procedure. Interaction between the patient and nurse is stressed, emphasizing the importance of effective communication. Run time is 20 minutes.

HO1064 THE NEW LIVING BODY: HOMEOSTASIS. [01/01/95].

Note: In order to understand homeostasis in a natural setting, this program observes what happens to the body during a marathon race. By monitoring the various physiological responses of one of the runners, we show the many changes and adjustments being made in the body as the race progresses. The data obtained from the runner is used to explain in detail how the body regulates temperature, blood oxygen, blood glucose, water balance, heart rate, breathing rate, and hormone levels. Run time is 20 minutes.

HO1067 CANCER AND METASTASIS. [01/01/97].

Note: This program studies the biological processes by which the body reproduces cancerous tumors, and summarizes the results of current research. The various steps of metastasis are clearly demonstrated in film and computer animation. A film segment of real human tissue shows tumor cells moving in a regulated manner under the direction of "leader cells." Computer animation illustrates how a normal cell becomes cancerous. Treatments under development for the prevention of metastasis in certain cancers are summarized. Run time is 37 minutes.



HO1068      NURSING ASSISTANT - THE ROLE OF THE NURSING ASSISTANT AND UNIVERSAL PRECAUTIONS. Bergwall, [1996].      Note: This video discusses universal precautions and infection control and demonstrates handwashing, gowning, gloving and masking.

HO1069      NURSING ASSISTANT - PERSONAL CARE: BATHING AND HYGIENE. Bergwall, [1996].      Note: This video describes complete care, partial care, and self care bathing needs and closely examines person hygiene.

HO1070      NURSING ASSISTANT - PERSONAL CARE: BEDMAKING. Bergwall, [1996]. Note: This video demonstrates making the occupied/inoccupied bed and described the difference between the closed bed-open bed-surgical bed.

HO1071      NURSING ASSISTANT - MEASUREMENT OF VITAL SIGNS. Bergwall, [1996]. Note: This video demonstrates using the glass and electronic thermometers and shows how to measure the pulse-radial and apical.

HO1072      GUIDE FOR DIGESTION: FOOD TO ENERGY. BARR Films. Note: Featuring a combination of live-action and animation, this well-structured film shows how the human digestive system or gastro-intestinal tract works. Run time is 16 minutes.

HO1073      PHLEBOTOMOY EXPLAINED. BERGWALL, [1996]. Note: This video details the types pf specimens and stresses safety techniques including the use of gloves and needle disposal. Run time is 19 minutes.

HO1074      COLLECTION PROCEDURES. BERGWALL, [1996]. Note: This video describes proper techniques for obtaining a specimen and as well as the collection procedure. Run time is 13 minutes.

HO1075      TESTING PROCEDURES. BERGWALL, [1996]. Note: This video explains the procedure for using single channel and three channel machines and identifies proper placement of electrodes on the patient. Run time is 18 minutes.

HO1076      DIGITAL RECTAL EXAMINATION (DRE) : SETTING A NEW STANDARD. MSD, [1993].      Note: This 9-minute video is designed to instruct physicians in the proper technique of performing a rectal examination. While demonstrating how simple and effective the procedure is, the video also stresses the importance of the DRE in making a correct differential diagnosis. Run time 9 minutes.

HO1077      TEENS AND AIDS: REAL PEOPLE, REAL STORIES. Alfred Higgins Productions, Inc.      Note: Interviews with eleven young people who became infected with HIV (the AIDS virus) during their teen years address issues surrounding HIV infection, and behavior that can lead to it. They eloquently reveal the impact of HIV

infection upon their hopes, dreams, and lives. Peer educators model negotiation and refusal skills in role plays. Run time is 20 minutes.

HO1078 AIDS: YOU'VE GOT TO DO SOMETHING. Library Media Centers.

Note: Viewers will easily relate to this program's teenage actress/host, Mayim

Bialik, its flashy music-video style graphics, peer educators and contemporary rap music as AIDS: You've Got To Do Something provides up-to-date information on the AIDS crisis for teenagers. The testimonials of several HIV-infected teens put easily identifiable faces on the epidemic. The audience is forced to recognize that they are invincible. Because this generation will be living alongside people who are living with HIV and AIDS, the program also emphasizes the need for compassion toward those infected with the virus. In addition to providing tips on how to refuse sexual advances for the not-yet-ready-for-sex teen, realistically acted skits model ways for sexually active teens to talk about condoms and other awkward subjects. Run time is 19 minutes.

HO1079 CHILDBIRTH FROM INSIDE OUT: PART I PREGNANCY AND THE PRE-NATAL PERIOD. View Video.

Note: This two-part series presents comprehensive, medically sound information that deals simply and honestly with the many aspects childbirth. It answers many of the sensitive questions of parents-to-be, enables them to formulate a list of concerns to discuss with their physician, and promotes a healthier, safer pregnancy. Run time is 78 minutes.

HO1080 CHILDBIRTH FROM INSIDE OUT: PART 2 - DELIVERY AND THE POST-NATAL PERIOD. View Video.

Note: This two-part series presents comprehensive, medically sound information that deals simply and honestly with the many aspects of childbirth. It answers many of the sensitive questions of parents-to-be, enables them to formulate a list of concerns to discuss with their physician, and promotes a healthier, safer pregnancy. Run time is 72 minutes.

HO1081 THE COMING OF AGE: HEALTH AND HEALTH CARE. PBS Video, [1993].

Note: This program examines the impact of longevity as it looks at the issue of national health care. Profiled is Eugene Lehrman who, at age 75, is president-elect of the American Association for Retired Persons. This series looks at the hot issue of national health care, explores the vital role some elders are playing in community organizations and examines how changes in life expectancy and family structure are affecting the oldest generation. Run time is 30 minutes.

HO1082 PICTURE OF HEALTH - THE PROSTATE PRECIPITANT. University of Wisconsin Hospital & Clinic Outreach Education, [1994].

Note: This program discusses the types of prostate screening tests available and who should be tested. Also given is an overview of the prostate gland and what its functions are. Run time is 30 minutes.

HO1083      PICTURE OF HEALTH - THE SUBTLE SIGNS OF SKIN CANCER. University of Wisconsin Hospital & Clinic Outreach Education, [1994].      Note: Shows different signs to look for on your skin that may signify skin cancer. The video also looks at the different types of skin cancer and the types of treatment for each one. Run time is 30 minutes.

HO1084      PICTURE OF HEALTH - BREAKING OUT OF YOUR BACK PAIN. University of Wisconsin Hospital & Clinic Outreach Education, [1994].      Note: Nearly everyone suffers from back pain at some point in their lives. Doctors often cannot pinpoint the cause. This program will tell you what you can do when back pain strikes. It will also discuss simple exercises that can help prevent recurrences, as well as symptoms that indicate if you should see a doctor. Runs 30 mins.

HO1085      PICTURE OF HEALTH - BREAST CANCER: WHICH TREATMENT IS RIGHT FOR YOU? University of Wisconsin Hospital & Clinic Outreach Education, [1994].

Note: This program discusses the various treatments and combination of treatments available to breast cancer patients. Run time is 30 minutes.

HO1086      PICTURE OF HEALTH - NEW TREATMENT FOR AN OLD PROBLEM. University of Wisconsin Hospital and Outreach Education, [1994].

Note: Does your child sound as though there were a large object stuck in his or her throat? While Doctors once wasted no time removing what were believed to be useless organs, the American Academy of Pediatrics recommends a more conservative approach. With monitoring and medication, your child may be able to avoid surgery. The program discusses treatments as well as circumstances that may require a tonsillectomy. Run time is 30 minutes.

HO1087      PICTURE OF HEALTH: CHILD SAFETY FOR NEW PARENTS. University of Wisconsin Hospital & Clinics Outreach Education, [1994].

Note: To your youngster, the world is an adventure. It can also be an accident waiting to happen when children discover cleaning products, tools, appliances, electrical outlets and other household items that can be harmful. You can help prevent childhood accidents by learning how they occur and what can be done to childproof your environment. Run time 30 mins.

HO1088      PICTURE OF HEALTH - AN SOS FOR PREVENTING SKIN DAMAGE. University of Wisconsin Hospital and Clinic Outreach Education, [1994].

Note: This program discusses precautions people can take to prevent skin damage from too many ultraviolet rays. The depletion of the ozone layer has made being out in the sun too long much more hazardous than it was thirty years ago. Run time is 13 minutes.

HO1089      PICTURE OF HEALTH - CONFRONTING THE BOGEY MAN: DEALING WITH NIGHTMARES.      University of Wisconsin Hospital & Clinics Outreach Education, [1994].

Note: Coaxing a frightened child back to bed after a nightmare may not be the usual evening ritual in your home, but it's one that every parent must deal with at some time. In this program, you'll learn how a child's dreams, nightmares and night terrors can upset the entire

family. We will suggest ways you can calm the situation and precautions you can take before things go bump in the night. Run time is 30 minutes.

HO1090 PICTURE OF HEALTH - WHEN THE SHOE DOESN'T FIT: A LOOK AT COMMON FOOT PROBLEMS. University of Wisconsin Hospital and Clinics Outreach Education, [1994].

Note: No matter how much you stand or walk, your feet shouldn't hurt. Foot pain can have a number of causes: deformities, calluses or poorly fitting shoes.

Get off on the right foot by learning about common foot problems and how to prevent them. The program will also show you how to get the most comfort for your money when buying shoes. Run time is 30 minutes.

HO1091 PICTURE OF HEALTH - WHEN THE EARS WON'T STOP ACHING. University of Wisconsin Hospital & Clinics Outreach Education, [1994].

Note: For most children, ear infections are a normal rite of passage. However, recurring infections can indicate a more serious problem. At times, they can even lead to hearing loss. In this program, we'll explore the causes of ear infections and why they keep coming back. You'll also learn about medical and surgical treatments to correct this problem. Run time is 30 minutes.

HO1092 PICTURE OF HEALTH - PROSTATE CANCER TREATMENT DILEMMAS. University of Wisconsin Hospital & Clinic Outreach Education, [1994].

Note: This program talks about the different ways to treat prostate cancer and how aggressively it is treated depending on the age of the patient. Run time is 30 minutes.

HO1093 SURGICAL ASEPSIS STERILE TECHNIQUE, MINOR SURGERY & BANDAGES.

Mosby Lifeline, Note: This program includes: handling sterile supplies, using sterile gloves, assisting with minor surgery, types of wounds and the healing process, types of dressing and bandages, procedure for a dressing change with a wound culture, and bandage wrapping techniques, including Tubeguaz. 1995.

HO1094 BLOODBORNE PATHOGENS. Bergwall, [1996].

Note: This video is for facilities and operations where employees may be exposed to HBV (hepatitis), and HIV (aids). The program discusses bloodborne diseases, and examines emergency procedures.

HO1095 PREVENTING DISEASE TRANSMISSION. Mosby Lifeline, [1993].

Note: This videotape contains the following segments: 1) How Infections Occur; 2) Diseases of Greatest Concern and 3) Preventing Disease Transmission. Run time is 19 minutes.

HO1096 A PRACTICAL GUIDE TO SEXUALLY TRANSMITTED DISEASES. [01/01/96].

Note: This program is intended as a comprehensive practical guide to the more prevalent sexually transmitted diseases: AIDS, gonorrhea, chlamydia, herpes, and venereal warts, providing a detailed and complete description of causes, symptoms, and treatments for these illnesses, as well as current scientific knowledge about how to combat them. Run time is 23 minutes.

HO1097      ASTHMA

Note: This video explores the latest research on asthma. You will see what's being done to treat it and some of the new factors that are leading to the recent rise in asthma cases. Also, Olympic gold medalist, Jackie Joyner Kersey shows us how she manages asthma in her life • Jackie gives inspiration & advice to children with asthma. Grades 9-Adult Run time 26 mins.

HO1098      DIABETES. Nimco.

Note: In this video, two people talk about living with diabetes. One, a teenager, who continues to keep up a very active life playing hockey at Central Connecticut State Univ., the other, a Hartford businessman, diagnosed a year 1/2 ago, shows us how he maintains his busy schedule, including his favorite past-time, running. Also, visit a diabetes care center, where breakthrough research & treatment is being done. Grades 9-Adult.

HO2001      TECH PREP AND HEALTH CAREERS. [01/01/93].

Note: This program provides information about how students can enter several health related careers by following a Tech Prep plan of study. The careers profiled are registered nurse, surgical technologist, dental hygienist, medical assistant, radiologic technologist, and medical records technician. Information given includes job duties, occupational outlook, and expected salaries. Run time is 15 minutes.

HO20283      DEAN VAUGHN MEDICAL TERMINOLOGY - INSTRUCTOR'S GUIDE.

HO3001      BURN EMERGENCIES: PREVENTION AND RESPONSE. Bureau of Business Practice, [1993].

Note: Heat-related (or thermal) burns - which can be caused by exposure to flames, heat, hot objects, or hot liquids- are a common occurrence on the job. This program is an educational video for employees. It covers how to take any burn seriously- no matter how minor it or its cause might seem; how to identify the class of a thermal burn- that is, first-, second-, or third-degree burn; understand the steps that should be followed to treat a thermal burn according to its class and to respond to the situation quickly, safely, and properly. It suggests being on the lookout for potential burn hazards in the workplace and remove, repair, or report them according to your company's policy. This program also includes a meeting guide as well as a pre-test. Run time is 10 minutes.

HO3002      CONCEPTS IN EMERGENCY CARE: PATIENT ASSESSMENT PART II. Concepts in Emergency Care, [1994].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe

their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. This video presents an assessment that can be performed on all patients, whatever the injury or illness. Run time is 18 minutes.

**HO3003      CONCEPTS IN EMERGENCY CARE: PATIENTS WITH DIFFICULTY BREATHING.** Concepts in Emergency Care, [1993].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. In this video a brief introduction is given. As an on-screen clock runs, the patient is assessed, treated, and transported. A final sequence shows several situations and asks students what they should do. Run time 44 mins.

**HO3004      CONCEPTS IN EMERGENCY CARE: PATIENTS WITH ALTERED LEVEL OF CONSCIOUSNESS.** Concepts in Emergency Care, [1993].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. This video is a brief introduction to patients with an altered level of consciousness. As an on-screen clock runs, the patient is assessed, treated, and transported. In the third sequence, several situations are shown and the student is asked what they should do. Run time is 56 minutes.

**HO3005      CONCEPTS IN EMERGENCY CARE: PATIENTS WITH HEAD AND/OR SPINE INJURIES.** Concepts in Emergency Care, [1993].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work

together as a series; however, each tape stands alone as an instructional unit. In this video, a brief introduction is given and as an on-screen clock runs, the patient is assessed, treated and transported. In the final sequence, several situations are shown and the student is asked what they should do. Run time is 38 minutes.

**HO3006      CONCEPTS IN EMERGENCY CARE: PATIENTS WITH CHEST PAIN AND/OR INJURY.** Concepts in Emergency Care, [1993].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. In this video, a brief introduction to the topic is given. As an on-screen clock runs, the patient is assessed, treated and transported. In the final sequence, several situations are shown and the student is asked what they should do. Run time is 33 minutes.

**HO3007      CONCEPTS IN EMERGENCY CARE: PATIENTS WITH ABDOMINAL PAIN AND/OR INJURY.** Concepts in Emergency Care, [1994].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. This video contains a brief introduction to abdominal pain and/or injury. As an on-screen clock runs, a patient is assessed, treated and transported. Finally, some situations are shown and students are asked what they would do. Run time is 35 minutes.

**HO3008      CONCEPTS IN EMERGENCY CARE: PATIENTS WITH SOFT TISSUE INJURY AND/OR EXTERNAL BLEEDING.** Concepts in Emergency Care, [1994].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and

find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. In this video, a brief introduction of the topic is given. As an on-screen clock runs, the patient is assessed, treated and transported. In the final sequence, there are several situations shown and students are asked what they would do. Run time is 49 minutes.

**HO3009      CONCEPTS IN EMERGENCY CARE: PATIENTS WITH LIMB PAIN AND/OR DEFORMITY.** Concepts in Emergency Care, [1993].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. In the final sequence, several situations are given and students are asked what they would do. Run time is 23 minutes.

**HO3010      CONCEPTS IN EMERGENCY CARE: PATIENTS IN RESPIRATORY AND/OR CARDIAC ARREST.** Concepts in Emergency Care, [1994].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. In this video, a brief introduction to cardiac arrest and respiratory problems is shown. Then, as an on-screen clock runs, responders assess, treat and transport the patient. In the third part, several situations are shown and students are asked what they would do. Run time is 26 minutes.

**HO3011      CONCEPTS IN EMERGENCY CARE: CONSCIOUS PATIENTS WITH MEDICAL PROBLEMS.** Concepts in Emergency Care, [1994].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also



assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. This video contains 3 sequences involving conscious patients with medical problems. First, there is a brief introduction to the topic. Second, there is a "real" call. As an on-screen clock runs, responders assess, treat and transport the patient. In the third part, several situations are shown. Run time is 24 minutes.

HO3012      CONCEPTS IN EMERGENCY CARE: PATIENTS WITH MULTIPLE INJURIES. Concepts in Emergency Care, [1994].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. In this video, a brief introduction is given. As an on-screen clock runs, responders assess, treat and transport the patient. In the final sequence, there are several situations shown and students are asked what they would do. Run time is 49 minutes.

HO3013      CONCEPTS IN EMERGENCY CARE: PREGNANT PATIENTS. Concepts in Emergency Care,      Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. In this video, a brief introduction on the topic of pregnant patients is given. As an on-screen clock runs, the patient is assessed, treated and transported. In the final sequence, several situations are shown and students are asked what they would do. Run time 20 minutes. 1994.

HO3014      CONCEPTS IN EMERGENCY CARE: PATIENTS WITH BEHAVIORAL PROBLEMS. CONCEPTS IN EMERGENCY CARE, [1994].

Note: This new video series brings the look and feel of the field into the classroom. The interactive design creates a dialogue between you and your students. The tapes are intended to promote discussion. The series is also assessment based. Its goal is to teach EMT's to treat what they see and find. To teach this, the videos place patients in categories that describe their major complaint. This approach helps train responders to react to what they find with the intervention skills available. In addition, responders learn how to perform a proper patient assessment in a variety of situations. The videos cover all the topics in the EMT course and work together as a series; however, each tape stands alone as an instructional unit. In this video, a brief introduction is given and as an on-screen clock runs the patient is assessed, treated and transported. In the final sequence, situations are presented and the student is asked what they would do. Run time is 20 minutes.

HO3015      FIRST AID. Bergwall, [1996].

Note: This video discusses sprains and muscle pulls, identifies lacerations and bleeding, and examines broken bones and CPR.

HO3016      YOUR COMPLETE GUIDE TO CPR. Cambridge Educational.

Note: You don't need to be a medical professional to help someone in the early stages of a heart attack. Despite the increased awareness of risk factors and how to reduce them, heart disease remains the leading cause of death in the United States and many other countries. The real tragedy lies in the fact that many of these deaths could be avoided if people knew proper CPR. This video features discussions and detailed demonstrations teaching viewers how to identify the early signs of a heart attack, and how to administer CPR to infants, children and adults. Certified instructors demonstrate proper CPR procedures outlined by the Journal of the American Medical Association. The importance of knowing these procedures is further stressed through interviews with individuals who were able to save lives because they knew CPR and people whose lives were saved because of this knowledge.

HO3017      THE HUMAN BODY - SYSTEMS AT WORK: THE CIRCULATORY SYSTEM - THE PLASMA PIPELINE. Cambridge Educational, [2001].

Note: This program covers the circulatory system's important roles in transportation, purification, and regulation. Topics include the structure and function of the heart; the role of blood as a connective tissue; arteries, veins, and the flow of blood; the functions of red blood cells, white blood cells, platelets, and plasma; the lymphatic system; and maintaining a healthy circulatory system. Run time is 27 minutes.

HO3018

THE HUMAN BODY - SYSTEMS AT WORK: DIGESTIVE SYSTEM - YOUR PERSONAL POWER PLANT. Cambridge Educational, [2001].

Note: This program examines the processes by which the digestive system acts as a power plant for the body by turning food into energy. Topics discussed include the process of energy conversion; the structure and function of the

organs of the digestive system; the role of enzymes; and maintaining a healthy digestive system. Run time is 34 minutes.

HO3019 THE HUMAN BODY - SYSTEMS THAT WORK: BRAIN AND NERVOUS SYSTEM: YOUR INFORMATION SUPERHIGHWAY. Cambridge Educational, [2001].

Note: This program explores the brain and nervous system, using the analogy of computers and the Internet. Topics discussed include electrical impulses and how nerve messages travel; parts of the brain and their functions; how the brain and spinal cord are protected; the senses; and diseases, drugs, and their effect on the brain and nervous system. Run time is 25 minutes.

HO3020 THE HUMAN BODY - SYSTEMS AT WORK: SKELETAL SYSTEM - THE INFRASTRUCTURE. Cambridge Educational, [2001].

Note: This program explores the skeletal system, with an emphasis on its importance in providing structure and support for the body. Topics include how the skeletal and muscular systems work together to enable movement; the relationship between joints and bones; connective tissue; functions of the skeletal system, including support, protection, movement, storage and blood cell production; and types of bones and joints. Run time is 27 minutes.

HO3021 THE HUMAN BODY - SYSTEMS AT WORK: MUSCULAR SYSTEM: THE INNER ATHLETE. Cambridge Educational, [2001].

Note: This program looks at the many roles played by muscle and skin in our everyday lives. Topics include muscles and movement; cardiac, smooth and skeletal muscle; detailed structure of a skeletal muscle; types of muscle contraction and movement; muscles and posture; homeostasis; and the important roles played by skin, hair, nails and glands. Run time 24 minutes.

HO3022 THE HUMAN BODY - SYSTEMS AT WORK: RESPIRATORY SYSTEM - INTAKE AND EXHAUST. Cambridge Educational, [2001].

Note: Using the analogy of an automobile's system of fuel intake and exhaust, this program explores the makeup and functions of the respiratory system. Topics include the processes of respiration; the organs involved in respiration; why cells need oxygen; structure and functions of the lungs; relationship between the brain and the respiratory system; and a detailed look at what's behind the "simple" act of breathing. Run time 19 minutes.

HO4000 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 8.

HO4001 MEDICATING CHILDREN.

Note: This video presents information about administering medications to children, with consideration given to the child's developmental, psychosocial and communication skills. Run time is 23 minutes.

HO4002 ADMINISTERING MEDICATION BY INJECTION. [01/01/93].

Note: This program covers equipment, preparing medications, mixing medications

and injection techniques. Run time is 20 minutes.

HO4003 ADMINISTERING MEDICATION BY NONPARENTERAL ROUTES. [01/01/93].

Note: This program presents oral and topical, medication, instillations, inhalants, and irrigations. Run time is 20 minutes.

HO5000 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 1.

HO5001 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 2.

HO5002 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 3.

HO5003 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 4.

HO5004 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 5.

HO5005 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 6.

HO5006 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 7.

HO5007 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 8.

HO5008 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 9.

HO5009 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 10.

HO5010 DEAN VAUGHN MEDICAL TERMINOLOGY – TAPE 11.

HO5011 DEAN VAUGHN MEDICAL TERMINOLOGY - TAPE 12.

HO5015 THE NEW LIVING BODY: BONES AND JOINTS. [01/01/95].

Note: The topic of bones and joints is explored in this program with Dr. David Michaels at Boston Children's Hospital. Dr. Michaely runs the world's leading orthopedic clinic for young athletes where the most common types of sports injuries, such as acute impact damage, are treated. The structure and function of the knee is clearly illustrated as we follow the diagnosis and treatment of injuries suffered by the Harvard University football team. Run time is 20 minutes.

HO5016 THE NEW LIVING BODY: MUSCLES. [01/01/95].

Note: The widespread nature of muscle tissue in the body is introduced as this program looks at the complex movements involved in the exercise of rowing. The nature of muscle itself is examined, from its gross structure to its detailed microstructure, where chemical energy is harnessed to produce movement. As muscle forms the basis for much of a person's body shape, we

explore the ways in which this shape can be changed by the activities we perform. Run time is 20 minutes.

HO5017 ELECTROCARDIOGRAPHY EXPLAINED. BERGWALL, [1996].

Note: This video explains the basic anatomy and physiology of the cardiovascular system and lists the 12 planes of electrical activity recorded. Run time is 3 minutes.

HO5018 A.D.A.M. ESSENTIALS HIGH SCHOOL SUITE: SCHOOL EDITION GRADES 9-12. A.D.A.M. Software, Inc, [1999].

Note: This CD ROM Suite is the perfect anatomy and physiology tool for grades 9-12. The Essentials High School Suite provides the ideal interactive anatomy and AP biology courses in grades 9-12. The latest, award-winning CD ROM packages - A.D.A.M. The Inside Story, Life's Greatest Mysteries, 9 Month Miracle, and the Cardiovascular Module from [adam.com/Benjamin-Cummings](http://adam.com/Benjamin-Cummings) Interactive Physiology series - are combined with an intuitive Instructor's Resources CD to create a visually rich and comprehensive HS level curriculum.

HO5019 THE HUMAN BODY: THE CIRCULATORY SYSTEM. Coronet Film & Video.

Note: The circulatory system is a fluid transportation system that is driven by the beating heart. In this program, animation and anatomical drawings trace the two great circuits of the bloodstream, looping through the lungs, and passing to and from every part of the body's living tissues. Additional animation identifies the various cargoes carried by the bloodstream: oxygen and carbon dioxide, hormones, clotting agents, nutrients and wastes, as well as a variety of red and white blood cells. Interspersed with these visuals are features in which a medical technologist explains the typing of blood and cardiologist describes a variety of heart defects and their modern surgical cures. Run time is 15 minutes.

HO5020 THE HUMAN BODY: THE MUSCULAR SYSTEM. Coronet Film & Video.

Note: This program describes various types of muscle tissue, the basic chemistry of their operation and their arrangement within the framework of the human body. Live action, animation and X-ray motion pictures examine the differences between voluntary, involuntary and cardiac muscles and their differing functions within the body. Intercut with these visuals are informational features in which an exercise equipment designer explains how equipment is designed to train specific groups of opposing muscles and a physiologist explains the differences in the chemistry and the functions of fast-twitch and slow-twitch muscle fibers. Run time is 12 minutes.

HO5021 THE HUMAN BODY: THE SKELETAL SYSTEM. Coronet Film & Video.

Note: This program describes the skeletal system as a framework of bones within the body, whose composition and arrangement support our internal organs, and govern the way we move. Detailed animation and X-ray motion pictures trace the structure of the skeleton from head to foot, examining the bones in each region of the body and their contribution to the body as a whole. Additional animation and scenes of sports activities demonstrate the workings of different kinds of joints and their individual strengths and

weaknesses. Interspersed with these visuals are features in which an orthopedic surgeon explains how proper sitting and lifting techniques can make use of the normal curvature of the spine, and a designer explains how modern sports shoes are designed to minimize stress on the bones of the legs and feet. Run time is 12 minutes.

**HO5022 THE HUMAN BODY: THE NERVOUS SYSTEM. Coronet Film & Video.**

Note: This program explores the nervous system- a biochemical communications network consisting of the brain, spinal cord and nerves. Animated sequences trace the structure of neurons, the nerves that they form and three kinds of pathways that they take through the human body. Additional animation illuminates the biochemical impulses that travel along a neuron and that allow one neuron to stimulate another or activate the movement of a muscle fiber. Interspersed with these visuals are informative features in which a neurologist discusses the chemistry of a nerve impulse, a physical therapist explains the role of therapy in the regeneration of injured nerves and a pharmacist describes the action of nerve-impulse blockers such as opiates. Run time is 14 minutes.

**HO5023 THE HUMAN BODY: THE RESPIRATORY SYSTEM. Coronet Film & Video.**

Note: This program examines how the respiratory system brings air- including oxygen- into your body, while removing wastes- including carbon dioxide. A combination of animation and X-ray motion pictures helps to explore the mechanism of breathing and the anatomy of the organs that carry out this activity. Additional animation explains how air is cleansed during inhalation and how oxygen is diffused into the bloodstream for use elsewhere in the body. Interspersed with these visuals are features in which a CPR educator demonstrates mouth-to-mouth resuscitation, the Heimlich maneuver and treatment for hyperventilation and explains the basic causes and effects of emphysema. Run time is 15 minutes.

**HO5024 THE HUMAN BODY: THE DIGESTIVE SYSTEM. Coronet Film & Video.**

Note: The digestive system brings nutrients into the human body and converts them into forms that cells can use. In this program, detailed animation and X-ray images identify the major organs in the digestive process and explain how they work together. In addition, animation clarifies the chemistry of cell metabolism, its requirements and waste products and the various uses of the energy it can release. Intercut with these visuals are features in which a dietician discusses such topics as food calories, the nutritional role of vitamins and minerals, lactose intolerance and the effects that crash dieting can have on the body's metabolic rate. Run time is 14 minutes.

**HO5025 THE HUMAN BODY: THE ENDOCRINE SYSTEM. Coronet Film & Video.**

Note: The endocrine system is a communications network within the body, whose hormonal signals originate in the endocrine glands and are disseminated through the bloodstream. In this program, lucid animation identifies these ductless glands and explains how they work together, often under the

direction of the pituitary gland. Additional animation and live photography clarify the endocrine system's management of growth, metabolism and reproduction. Intercut with these visuals are informational features in which an endocrinologist discusses modern issues such as the use of growth hormones in children, hyper- and hypo-thyroid conditions and their treatments and the controversial use of steroids in sports training. Run time is 16 minutes.

HO5026      THE HUMAN BODY: THE REPRODUCTIVE SYSTEM. Coronet Film & Video.

Note: This program describes how a child is born through collaboration between a male and a female reproductive system. A combination of lucid animation, live action and micrographs explore the maturation of eggs and sperm and explain the genetic contribution that each makes to the fertilized egg. Additional information shows how hormones prepare the female body for gestation and follows the maturation of the fetus from fertilization through birth. Interspersed with these visuals are features in which an obstetrician describes the testing of placental tissue for chromosomal abnormalities and the effects that food and drug use can have on the developing fetus. Run time is 18 minutes.

HO5027      BASIC STRUCTURE AND FUNCTION OF THE SKELETAL SYSTEM